



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**RBT18551-1**  
**Job Sheet 194259**



Part No: RBT18551-1

Job Qty: 8 pcs

Part Name: Bolt



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/29/19

Job Tracking No:

Due Date: 5/31/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBT18551 Rev.0 IPP Rev. A 19.01.18 New issue DP Verify DD

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation              | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |           | Sign-off |
|-------|------------------------|-------|------------|----------|-----------|---------|------------------------|-----------|----------|
|       |                        |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time |          |
| 100   | Conventional Lathe - 1 | 8 pcs | 5/31/19    |          | 0.00      | 2.00    | Conventional Lathe - 1 |           |          |
|       |                        |       |            |          |           |         | Conventional Lathe - 2 |           |          |
| 110   | QC 2                   | 8 pcs | 5/31/19    |          | 0.00      | 0.00    | QC 2 - 1               |           |          |
|       |                        |       |            |          |           |         | QC 2 - 12              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 14              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 17              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 19              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 2               |           |          |
|       |                        |       |            |          |           |         | QC 2 - 20              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 22              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 23              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 25              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 32              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 33              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 35              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 39              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 4               |           |          |
|       |                        |       |            |          |           |         | QC 2 - 40              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 44              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 45              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 48              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 49              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 50              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 51              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 52              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 57              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 62              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 63              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 8               |           |          |
|       |                        |       |            |          |           |         | QC 2 - 66              |           |          |
|       |                        |       |            |          |           |         | QC 2 - 64              |           |          |



Container No: S217295



Part: RBT18551-1

Job No: 194259

Serial No/Batch: S217295

Revision: 0

Inspector:

Exp Date:

Instructions:

Date: 08/28/19

Dart Aerospace Ltd.  
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Plex 4/29/19 1:33 PM Dart.lajeunesse.marie

|     |                             |          |         |           |                             |                                                                                       |
|-----|-----------------------------|----------|---------|-----------|-----------------------------|---------------------------------------------------------------------------------------|
|     |                             |          |         |           | QC 2 - 65                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 5                    |                                                                                       |
|     |                             |          |         |           | QC 2 - 71                   |                                                                                       |
| 120 | Conventional Mill - 1 - B4B | 8<br>pcs | 5/31/19 | 0.00 1.33 | Conventional Mill - 1 - B4B |    |
|     |                             |          |         |           | Conventional Mill - 2 - B4B |                                                                                       |
| 130 | QC 2                        | 8<br>pcs | 5/31/19 | 0.00 0.00 | QC 2 - 1                    |                                                                                       |
|     |                             |          |         |           | QC 2 - 12                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 14                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 17                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 19                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 2                    |                                                                                       |
|     |                             |          |         |           | QC 2 - 20                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 22                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 23                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 25                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 32                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 33                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 35                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 39                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 4                    |                                                                                       |
|     |                             |          |         |           | QC 2 - 40                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 44                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 45                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 48                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 49                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 50                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 51                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 52                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 57                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 62                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 63                   |  |
|     |                             |          |         |           | QC 2 - 8                    |                                                                                       |
|     |                             |          |         |           | QC 2 - 66                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 64                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 65                   |                                                                                       |
|     |                             |          |         |           | QC 2 - 5                    |                                                                                       |
|     |                             |          |         |           | QC 2 - 71                   |                                                                                       |
| 140 | QC 8                        | 8<br>pcs | 5/31/19 | 0.00 0.00 | QC 8 - 12                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 14                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 17                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 20                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 25                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 3                    |                                                                                       |
|     |                             |          |         |           | QC 8 - 32                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 33                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 35                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 39                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 4                    |                                                                                       |
|     |                             |          |         |           | QC 8 - 44                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 45                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 49                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 58                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 8                    |  |
|     |                             |          |         |           | QC 8 - 9                    |                                                                                       |
|     |                             |          |         |           | QC 8 - 68                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 67                   |                                                                                       |
|     |                             |          |         |           | QC 8 - 1 (A)                |                                                                                       |

|     |                               |          |           |           |                        |
|-----|-------------------------------|----------|-----------|-----------|------------------------|
|     |                               |          | QC 8 - 47 |           |                        |
|     |                               |          | QC 8 - 40 |           |                        |
|     |                               |          | QC 8 - 52 |           |                        |
|     |                               |          | QC 8 - 23 |           |                        |
| 150 | Outsource - 13 - Zinc Plating | 8<br>pcs | 5/31/19   | GRO002-VC | 2019-10-01             |
| 160 | Packaging 2-1 - Receive - B4B | 8<br>pcs | 5/31/19   | 0.00 0.00 | Packaging 2 - 1 - B4B  |
|     |                               |          |           |           | Packaging 2 - 2 - B4B  |
|     |                               |          |           |           | Packaging 2 - 3 - B4B  |
|     |                               |          |           |           | Packaging 2 - 5 - B4B  |
|     |                               |          |           |           | Packaging 2 - 4 - B4B  |
|     |                               |          |           |           | Packaging 2 - 6 - B4B  |
|     |                               |          |           |           | Packaging 2 - 7 - B4B  |
|     |                               |          |           |           | Packaging 2 - 8 - B4B  |
|     |                               |          |           |           | Packaging 2 - 9 - B4B  |
|     |                               |          |           |           | Packaging 2 - 10 - B4B |
|     |                               |          |           |           | Packaging 2 - 11 - B4B |
|     |                               |          |           |           | Packaging 2 - 12 - B4B |
|     |                               |          |           |           | Packaging 2 - 13 - B4B |
|     |                               |          |           |           | Packaging 2 - 14 - B4B |
|     |                               |          |           |           | Packaging 2 - 15 - B4B |
|     |                               |          |           |           | Packaging 2 - 16 - B4B |
|     |                               |          |           |           | Packaging 2 - 17 - B4B |
|     |                               |          |           |           | Packaging 2 - 18 - B4B |
|     |                               |          |           |           | Packaging 2 - 19 - B4B |
|     |                               |          |           |           | Packaging 2 - 20 - B4B |
|     |                               |          |           |           | Packaging 2 - 21 - B4B |
|     |                               |          |           |           | Packaging 2 - 22 - B4B |
|     |                               |          |           |           | Packaging 2 - 23 - B4B |
|     |                               |          |           |           | Packaging 2 - 24 - B4B |
|     |                               |          |           |           | Packaging 2 - 25 - B4B |
|     |                               |          |           |           | Packaging 2 - 26 - B4B |
|     |                               |          |           |           | Packaging 2 - 27 - B4B |
|     |                               |          |           |           | Packaging 2 - 28 - B4B |
|     |                               |          |           |           | Packaging 2 - 29 - B4B |
|     |                               |          |           |           | Packaging 2 - 30 - B4B |
|     |                               |          |           |           | Packaging 2 - 31 - B4B |
|     |                               |          |           |           | Packaging 2 - 32 - B4B |
|     |                               |          |           |           | Packaging 2 - 33 - B4B |
|     |                               |          |           |           | Packaging 2 - 34 - B4B |
|     |                               |          |           |           | Packaging 2 - 35 - B4B |
|     |                               |          |           |           | Packaging 2 - 36 - B4B |
| 170 | QC 6                          | 8<br>pcs | 5/31/19   | 0.00 0.00 | QC 6 - 9               |
|     |                               |          |           |           | QC 6 - 68              |
|     |                               |          |           |           | QC 6 - 61              |
|     |                               |          |           |           | QC 6 - 40              |
| 180 | Packaging 3-1 - Stock - B4B   | 8<br>pcs | 5/31/19   | 0.00 0.00 | Packaging 3 - 1 - B4B  |
|     |                               |          |           |           | Packaging 3 - 2 - B4B  |
|     |                               |          |           |           | Packaging 3 - 3 - B4B  |
|     |                               |          |           |           | Packaging 3 - 4 - B4B  |
|     |                               |          |           |           | Packaging 3 - 5 - B4B  |
|     |                               |          |           |           | Packaging 3 - 6 - B4B  |
|     |                               |          |           |           | Packaging 3 - 7 - B4B  |
|     |                               |          |           |           | Packaging 3 - 8 - B4B  |
|     |                               |          |           |           | Packaging 3 - 9 - B4B  |
|     |                               |          |           |           | Packaging 3 - 10 - B4B |
|     |                               |          |           |           | Packaging 3 - 11 - B4B |
|     |                               |          |           |           | Packaging 3 - 12 - B4B |
|     |                               |          |           |           | Packaging 3 - 13 - B4B |

|                |     |         |           |                        |                 |
|----------------|-----|---------|-----------|------------------------|-----------------|
|                |     |         |           | Packaging 3 - 14 - B4B |                 |
|                |     |         |           | Packaging 3 - 15 - B4B |                 |
|                |     |         |           | Packaging 3 - 16 - B4B |                 |
|                |     |         |           | Packaging 3 - 17 - B4B |                 |
|                |     |         |           | Packaging 3 - 18 - B4B |                 |
|                |     |         |           | Packaging 3 - 19 - B4B |                 |
|                |     |         |           | Packaging 3 - 20 - B4B |                 |
|                |     |         |           | Packaging 3 - 21 - B4B |                 |
|                |     |         |           | Packaging 3 - 22 - B4B |                 |
|                |     |         |           | Packaging 3 - 23 - B4B |                 |
|                |     |         |           | Packaging 3 - 24 - B4B |                 |
|                |     |         |           | Packaging 3 - 25 - B4B |                 |
|                |     |         |           | Packaging 3 - 26 - B4B |                 |
|                |     |         |           | Packaging 3 - 27 - B4B |                 |
|                |     |         |           | Packaging 3 - 28 - B4B |                 |
|                |     |         |           | Packaging 3 - 29 - B4B |                 |
|                |     |         |           | Packaging 3 - 30 - B4B |                 |
|                |     |         |           | Packaging 3 - 31 - B4B |                 |
|                |     |         |           | Packaging 3 - 32 - B4B |                 |
|                |     |         |           | Packaging 3 - 33 - B4B |                 |
|                |     |         |           | Packaging 3 - 34 - B4B |                 |
|                |     |         |           | Packaging 3 - 35 - B4B |                 |
|                |     |         |           | Packaging 3 - 36 - B4B |                 |
| 190 QC 21 - SA | 8   | 5/31/19 | 0.00 0.00 | QC 21 - SA - 21        |                 |
|                | pcs |         |           | QC 21 - SA - 70        | DAS OCT 08 2019 |
|                |     |         |           | QC 21 - SA - 53        | 21              |

Part Op 100 - 1-Machine as per DWG. 2-Deburr  
 Descriptions: 120 - 1-Machine as per DWG. 2-Deburr  
 150 - -Issue P/O: 44644 -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; Steel -Certificate of  
 Conformity is required  
 160 - C of C required.

## Job BOM

| Part / Item | Component Name | Quantity    | Operation                  | Container              |
|-------------|----------------|-------------|----------------------------|------------------------|
| AN4-20      | Bolt           | 8 Ea (1 ea) | 100-Conventional Lathe - 1 | OL<br>M136583<br>ST343 |

## Job Allocations

| Operation                  | Component Part | Required | Inventory | Allocated |
|----------------------------|----------------|----------|-----------|-----------|
| 100-Conventional Lathe - 1 | AN4-20         | 8        | 46        | 0         |

## Part Specifications

Specifications could not be found.

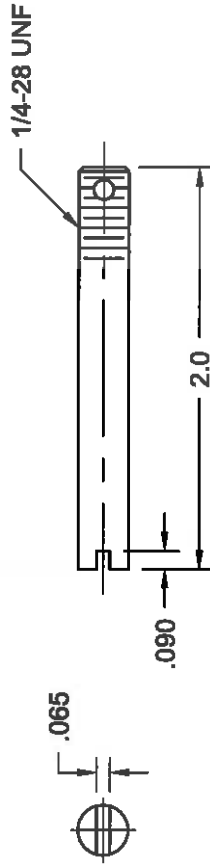
Plex 4/29/19 1:33 PM Dart.lajeunesse.marie



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| REVISIONS |             | DATE |  | INITIAL |  | APPROVAL |  |
|-----------|-------------|------|--|---------|--|----------|--|
| REV       | DESCRIPTION |      |  |         |  |          |  |
| 1         |             |      |  |         |  |          |  |

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WITHOUT NOTICE  
WORK ORDER NO. 194433 M15



1904-29

RED BARN MACHINE

TITLE SWASHPLATE SHIM BOLT

DWG NO. RBT18551 REV

|                                                                                                                              |                  |                        |                                   |
|------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------|-----------------------------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES                                                                       |                  | DRAWN BY: CLOUGH       | APPROVED: <i>D. West</i>          |
| TOLERANCES ON:                                                                                                               | METRIC REF.      | FRONT VIEW             | CAD PLATE YELLOW                  |
| XXX ± .005                                                                                                                   | XXmm ± .1mm      | FRONT VIEW             | SPEC 00-P-416F, TYPE II, CLASS II |
| XX ± .01                                                                                                                     | FRACTIONS ± 1/32 | FRONT VIEW             | USED ON MODEL                     |
| XX ± .1                                                                                                                      | ANGLES ± 5°      | FRONT VIEW             | BELL 206                          |
| UNLESS OTHERWISE SPECIFIED<br>1. BREAK ALL SHARP EDGES<br>.015 X .45° PR .075 R<br>2. DIMENSIONAL LIMITS APPLY AFTER PLATING |                  | SCALE NTS DATE 2-17-11 | SHEET 1 of 1                      |

| ASSY QTY | BIO | PART # | UNIT QTY | DESCRIPTION              | MATERIAL | BIO INFORMATION OR SPECIFICATIONS      | Pg. |
|----------|-----|--------|----------|--------------------------|----------|----------------------------------------|-----|
|          | -1  |        | 4        | BOLT                     | STEEL    | 1/4-28 UNF x 2 AIRCRAFT SPRUCE #AN4-20 |     |
|          | -3  |        | 1        | COIL TENSION SAFETY CLIP | STEEL    | MCMaster-CARR #80174A113               |     |
| ASSY #   |     |        |          |                          |          |                                        |     |

Entered: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only



|                                  |  |                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|----------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Job: _____<br>Part No. _____     |  | <b>DISPOSITION</b><br>Rework <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Scrap <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  | <b>DEPARTMENT/PROCESS</b><br>Skid-tube <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Machining <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Large Fab <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  | Cross tube <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Small Fab <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Finishing <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  | Eng. (Non-AW) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  | Engineering <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Water Jet <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Supplier <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/><br>Quality <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |  |
| Date :                           |  | Sequence #:                                                                                                                                                                                                                                                                         |  | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QSI042)                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Description Work Order Deviation |  |                                                                                                                                                                                                                                                                                     |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                  |  |                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
|                                  |  |                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Completed By                     |  |                                                                                                                                                                                                                                                                                     |  | Lead hand / Supervisor                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                             |  | QC / QA Coordinator                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

| Root Cause            |                          | FAULT CATEGORY               |                          |                                 |                          |                    |                          |                   |                          |                   |                          |
|-----------------------|--------------------------|------------------------------|--------------------------|---------------------------------|--------------------------|--------------------|--------------------------|-------------------|--------------------------|-------------------|--------------------------|
| Operator              | <input type="checkbox"/> | Pressure/Forced              | <input type="checkbox"/> | Contamination                   | <input type="checkbox"/> | Power Loss/Surge   | <input type="checkbox"/> | Positioned Wrong  | <input type="checkbox"/> | Outside Tolerance | <input type="checkbox"/> |
| Manufacturing Process | <input type="checkbox"/> | Bending                      | <input type="checkbox"/> | Misaligned/off center           | <input type="checkbox"/> | Folio/Program      | <input type="checkbox"/> | Drawing           | <input type="checkbox"/> | Finish            | <input type="checkbox"/> |
| Equip/Tooling         | <input type="checkbox"/> | Crushing                     | <input type="checkbox"/> | BOM/Route                       | <input type="checkbox"/> | Grain Direction    | <input type="checkbox"/> | Part Lost/Missing | <input type="checkbox"/> | Misread           | <input type="checkbox"/> |
| Handling/Preservation | <input type="checkbox"/> | Cracks                       | <input type="checkbox"/> | Broken/Damage/Defect            | <input type="checkbox"/> | Weld               | <input type="checkbox"/> |                   | <input type="checkbox"/> |                   | <input type="checkbox"/> |
| Material              | <input type="checkbox"/> | Crimp/Kink/Ripple/Wave/Twist | <input type="checkbox"/> | Incomplete/Unclear Instructions | <input type="checkbox"/> | Wrong Stock Pulled | <input type="checkbox"/> |                   | <input type="checkbox"/> |                   | <input type="checkbox"/> |
| Product Improvement   | <input type="checkbox"/> | Marks/Chatter                | <input type="checkbox"/> | Drill Holes                     | <input type="checkbox"/> | Out of Sequence    | <input type="checkbox"/> |                   | <input type="checkbox"/> |                   | <input type="checkbox"/> |
| Process Improvement   | <input type="checkbox"/> | Mislabeled                   | <input type="checkbox"/> | Fit/Function                    | <input type="checkbox"/> | Off-set/Set-up     | <input type="checkbox"/> |                   | <input type="checkbox"/> |                   | <input type="checkbox"/> |
| Human Factors         | <input type="checkbox"/> | Other/Details:               |                          |                                 |                          |                    |                          |                   |                          |                   |                          |



Dart Aerospace Ltd.  
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Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044644



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB044644

**PO Date:** 10/1/19

**Due Date:** 10/9/19

**Purchase Order**

**Revision:**

**Revision Date:**

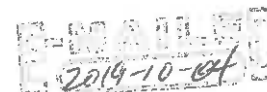
**Ship-To Contact:** Guerin, Kimberley  
Phone: 613-632-5200 Ext: 298  
kguerin@dartaero.com

**Via:** Ground

**Pynt Terms:** Net 60

**Freight Terms:**

**Special Comments:**



### Items

| Line Item                                                                      | Job    | Part             | Description                                                                                                                                                                                  | Status       | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|--------------------------------------------------------------------------------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 1                                                                              | 198045 | RBW6305G11331-3G | Main Gear Box<br>Input Pinion Ring<br>Nut Wrench<br>-Issue P/O;<br><br>-Zinc plate, ASTM B633 TYPE 2 SC2<br>-Color; yellow<br>-Material type; 4140<br>-Certificate of Conformity is required | Firmed<br>X1 | -       | 10/9/19  | 1 pcs          | 0 pcs             | 1 pcs   | \$68.9285/pcs    | \$68.93        |
| Line Item Note: **part needs to be stripped and re-plated (including the pins) |        |                  |                                                                                                                                                                                              |              |         |          |                |                   |         |                  |                |
| 2                                                                              | 194259 | RBT18551-1       | Bolt<br>-Issue P/O;<br>-Zinc plate, ASTM B633 TYPE 2 SC2<br>-Color; yellow<br>-Material type; Steel<br>-Certificate of Conformity is required                                                | Firmed<br>X8 | -       | 10/9/19  | 8 pcs          | 0 pcs             | 8 pcs   | \$6.4285/pcs     | \$51.43        |

OCT 08 2019

OCT 08 2019





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB044644



### Items

| Line Item           | Job    | Part             | Description                                                                                                                                                                                   | Status       | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price  |
|---------------------|--------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|----------|----------------|-------------------|---------|------------------|-----------------|
| 3 ✓                 | 199278 | RBW6205G05951-3G | Main Rotor<br>Damper End<br>Wrench<br>-Issue P/O;<br><br>-Zinc plate, ASTM<br>B633 TYPE 2<br>SC2<br>-Color; yellow<br>-Material type;<br>4140<br>-Certificate of<br>Conformity is<br>required | Firmed<br>XS | -       | 10/9/19  | 5 pcs          | 0 pcs             | 5 pcs   | \$6.4285/pcs     | \$32.14         |
| OCT 08 2019         |        |                  |                                                                                                                                                                                               |              |         |          |                |                   |         |                  |                 |
| <b>Grand Total:</b> |        |                  |                                                                                                                                                                                               |              |         |          |                |                   |         |                  | <b>\$152.50</b> |

### Order Notes

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 10/4/19 1:04 PM Dart.Guerin.Kimberley



# Certificat de Conformité / Certificate of Compliance

(022896-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupepaltech.com

## Bon de Livraison / Packing Slip

**022896 - 1**

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

| Date expédition<br>Ship date |                                                           | Créé Par<br>Generated By                                                                                                                              | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                   |               |                        |
|------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|-------------------|---------------|------------------------|
| 08-Oct-2019                  |                                                           | Jigar Patel                                                                                                                                           |                                                | POHB044644                                            |                 |                   |               |                        |
| #Ligne<br>Line#              | No. de Série / # Pièce<br>Part Number / Line Item Details | Description pièce(s)                                                                                                                                  | CATG.<br>U/M                                   | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Qté NC/<br>NC Qty | Qté<br>Scrap/ | À venir/<br>Back Order |
| 1                            | RBW6305G11331-3G<br>Rev.                                  | RBW6305G11331-3G<br>STRIP<br>ZINC-YELLOW [ZINC YELLOW]<br>OLD YELLOW CHROMATE, 96 hours<br>AS PER ASTM B633<br>TYPE - 2, SC - 2<br>0.0003 " THICKNESS | ZINC<br>CH                                     | 1                                                     | 1               | 0                 | 0             | 0                      |
| 2                            | RBT18551-1<br>Rev.                                        | RBT18551-1<br>STRIP<br>ZINC-YELLOW [ZINC YELLOW]<br>OLD YELLOW CHROMATE, 96 hours<br>ASTM B633<br>TYPE - 2, SC - 2<br>0.0003 " THICKNESS              | ZINC<br>CH                                     | 8                                                     | 8               | 0                 | 0             | 0                      |
| 3                            | RBW6205G05951-3G<br>Rev.                                  | RBW6205G05951-3G<br>ZINC-YELLOW [ZINC YELLOW]<br>OLD YELLOW CHROMATE, 96 hours<br>AS PER ASTM B633<br>TYPE - 2, SC - 2<br>0.0003 " THICKNESS          | ZINC<br>CH                                     | 5                                                     | 5               | 0                 | 0             | 0                      |

Notes Additionnelles / Additional Notes

Épaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
 Our financial and legal responsibility will not be higher than the amount of invoice.